

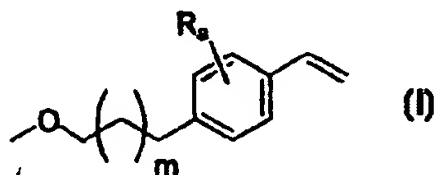
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(54) Title: **PEG-BASED MACROMONOMERS, CHEMICALLY INERT POLYMERS PREPARED THEREFROM AND THE USE OF THESE POLYMERS FOR ORGANIC SYNTHESIS AND ENZYME REACTIONS**



(57) Abstract

The present invention relates to macromonomers containing ethylene glycol repeat units, to chemically inert polymers prepared therefrom and to the use of such polymers in solid phase biochemical assays. A macromonomer of polyethylene glycol having repeat units in the range 6-300 and having at least one end terminated by an ether group having formula (I) where m is an integer of 0-10, a is an integer of 1-4, and R is H or alkyl or aryl or arylalkyl; or having formula (II) where m is an integer of 1-10, and R is H or alkyl or aryl or arylalkyl.

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